SEQUENCE LISTING

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   Liu, Chenghua
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   Dickson, Mark C
   Arterburn, Matthew C
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<120> Methods and Materials Relating to Novel C-Type Lectin Receptor-Like Polypeptides and Polynucleotides

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<140> Not Yet Assigned

<141> 2000-04-07

<150> 09/496,914

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<170> PatentIn Ver. 2.1

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Val Thr Phe Trp His Ser Gly Glu Pro Asn Asn Leu Asp Glu Arg Cys 165		•						X	ί.								E00
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gcg ata ata aat ttc cgc tct tca caa gaa tgg ggc tgg aat gac att Ala Ile Ile Asn Phe Arg Ser Ser Gln Glu Trp Gly Trp Asn Asp Ile 185 190 195 cac tgt cat gta cct cac aag tca att tgc gag atg aag aag atc tac His Cys His Val Pro His Lys Ser Ile Cys Glu Met Lys Lys Ile Tyr 200 ata tac atg aaa tat tct ccc tgg aaa tgt gtt tgg gtt ggc atc cac Ile Tyr Met Lys Tyr Ser Pro Trp Lys Cys Val Trp Val Gly Ile His 215 cgc tgt aga aag cta aat tga tttttaatt tatgtgtaag atttgtacaa 777 Arg Cys Arg Lys Leu Asn 230 235		Thr	Phe	Trp	His		GLy	GIũ	Pro	Asn			Asp	GLU	Arg		
Ala Ile Ile Asn Phe Arg Ser Ser Gln Glu Trp Gly Trp Asn Asp Ile 185	165					1/0			\	\	1/5					100	
Ala Ile Ile Asn Phe Arg Ser Ser Gln Glu Trp Gly Trp Asn Asp Ile 185	~~~	.+.		224	++ 0	000	+ a+	+ 02	<i>a</i> 22	da a	taa	aac	taa	aat	gac	att	630
cac tgt cat gta cct cac aag tca att tgc gag atg aag aag atc tac His Cys His Val Pro His Lys Ser Ile Cys Glu Met Lys Lys Ile Tyr 200 ata tac atg aaa tat tct ccc tgg aaa tgt tgg gtt ggc atc cac Ile Tyr Met Lys Tyr Ser Pro Trp Lys Cys Val Trp Val Gly Ile His 215 cgc tgt aga aag cta aat tga tttttaatt tatgtgtaag atttgtacaa 777 Arg Cys Arg Lys Leu Asn 230 235																	
cac tgt cat gta cct cac aag tca att tgc gag atg aag aag atc tac His Cys His Val Pro His Lys Ser Ile Cys Glu Met Lys Lys Ile Tyr 200 205 210 ata tac atg aaa tat tct ccc tgg aaa tgt gtt tgg gtt ggc atc cac Ile Tyr Met Lys Tyr Ser Pro Trp Lys Cys Val Trp Val Gly Ile His 215 220 225 cgc tgt aga aag cta aat tga ttttttaatt tatgtgtaag atttgtacaa 777 Arg Cys Arg Lys Leu Asn 230 235	Ата	тте	116	ASII		ALG	Der	per	0111		\	O ± y		11011			
His Cys His Val Pro His Lys Ser Ile Cys Glu Met Lys Lys Ile Tyr 200 ata tac atg aaa tat tct ccc tgg aaa tgt gtt tgg gtt ggc atc cac Ile Tyr Met Lys Tyr Ser Pro Trp Lys Cys Val Trp Val Gly Ile His 215 cgc tgt aga aag cta aat tga ttttttaatt tatgtgtaag atttgtacaa 777 Arg Cys Arg Lys Leu Asn 230 235					103					150							
His Cys His Val Pro His Lys Ser Ile Cys Glu Met Lys Lys Ile Tyr 200 205 210 ata tac atg aaa tat tct ccc tgg aaa tgt gtt tgg gtt ggc atc cac 726 Ile Tyr Met Lys Tyr Ser Pro Trp Lys Cys Val Trp Val Gly Ile His 215 220 225 cgc tgt aga aag cta aat tga ttttttaatt tatgtgtaag atttgtacaa 777 Arg Cys Arg Lys Leu Asn 230 235	cac	tat	cat	ata	cct	cac	aaq	t.ca	att	tac	gaa	ato	aaq	aaq	atc	: tac	678
ata tac atg aaa tat tct ccc tgg aaa tgt gtt tgg gtt ggc atc cac Ile Tyr Met Lys Tyr Ser Pro Trp Lys Cys Val Trp Val Gly Ile His 215 cgc tgt aga aag cta aat tga ttttttaatt tatgtgtaag atttgtacaa 777 Arg Cys Arg Lys Leu Asn 230 205 210 726 727 777																	
ata tac atg aaa tat tct ccc tgg aaa tgt gtt tgg gtt ggc atc cac Ile Tyr Met Lys Tyr Ser Pro Trp Lys Cys Val Trp Val Gly Ile His 215 cgc tgt aga aag cta aat tga ttttttaatt tatgtgtaag atttgtacaa 777 Arg Cys Arg Lys Leu Asn 230 235	1110	O y O	11.1.0				-1-						-			_	
Ile Tyr Met Lys Tyr Ser Pro Trp Lys Cys Val Trp Val Gly Ile His 215 cgc tgt aga aag cta aat tga ttttttaatt tatgtgtaag atttgtacaa 777 Arg Cys Arg Lys Leu Asn 230 235																	
Ile Tyr Met Lys Tyr Ser Pro Trp Lys Cys Val Trp Val Gly Ile His 215 cgc tgt aga aag cta aat tga ttttttaatt tatgtgtaag atttgtacaa 777 Arg Cys Arg Lys Leu Asn 230 235	ata	tac	atq	aaa	tat	tct	ccc	tgg:	aaa	tgt	gtt	tgg	gtt	ggc	ato	cac	726
cgc tgt aga aag cta aat tga ttttttaatt tatgtgtaag atttgtacaa 777 Arg Cys Arg Lys Leu Asn 230 235	Ile	Tyr	Met	Lys	Tyr	Ser	Pro	Trp	Lys	Cys	Val	Trp	v v	Gly	Ile	His	
Arg Cys Arg Lys Leu Asn 230 235		_															
Arg Cys Arg Lys Leu Asn 230 235																	
230 235	cgc	tgt	aga	aag	, cta	aat	. tga	ttt	ttta	att	tato	ıtgta	ag a	ıtt \ ç	rtaca	ıa	777
	Arg	Cys	Arg	J Lys	Leu	. Asn	l							\	\		
agaatgcccc taaatgtttc agcaggctgt cacctattac acttatgata taatccattc 837		230)				235	5									
agaatgcccc taaatgtttc agcaggctgt cacctattac acttatgata taatccattc 837															/		
	aga	atgo	ccc	taaa	atgtt	tc a	ıgcaç	gata	ıt ca	accta	ittac	c act	tato	gata	taat	ccatto	837
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acacattcaa aaaaaaaaaa g	aga	230 atgo	ccc	taaa	ıtgtt	itc a	235 igcaç		ŋt cā	accta	ıttac	c act	tatç	gata	taat	ccatto	

TOTAL STREET

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Phe Gln Leu\Lys Val Trp Ser Met Ala Val Val Ser Ile Leu Leu
                                   25
Ser Val Cys Phe Thr Val Ser Ser Val Val Pro His Asn Phe Met Tyr
Ser Lys Thr Val Lys Arg Leu Ser Lys Leu Arg Glu Tyr Gln Gln Tyr
                          55
His Ser Ser Leu Thr Cys Val Met Glu Gly Lys Asp Ile Glu Asp Trp
Ser Cys Cys Pro Thr Pro Trp Thr Ser Phe Gln Ser Ser Cys Tyr Phe
                  85
Ile Ser Thr Gly Met Gla Ser Trp Thr Lys Ser Gln Lys Asn Cys Ser
                                  105
Val Met Gly Ala Asp Leu Val Val Ile Asn Thr Thr Glu Glu His Asp
                                                   125
                             1/20
Phe Ile Ile His Asn Leu Lys\!\!\!\!\sqrt{\hspace{-1.5cm}\setminus\hspace{-1.5cm}}\hspace{-1.5cm} Asn Ser Ser Tyr Phe Leu Gly Leu
                         135
Ser His Pro Arg Gly Arg Arg Has Trp Gln Trp Val Asp His Thr Pro
                     150
                                           155
145
Tyr Asn Glu Asn Val Thr Phe Trp \His Ser Gly Glu Pro Asn Asn Leu
                                       170
                 165
Asp Glu Arg Cys Ala Ile Ile Asn Phe Arg Ser Ser Gln Glu Trp Gly
                                  185
             180
Trp Asn Asp Ile His Cys His Val Pro Ais Lys Ser Ile Cys Glu Met
                              200
Lys Lys Ile Tyr Ile Tyr Met Lys Tyr Ser\Pro Trp Lys Cys Val Trp
                                               220
                          215
Val Gly Ile His Arg Cys Arg Lys Leu Asn
                      230
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Trp Asn Asp Ile His Cys His Val Pro His Lys Ser Ile Cys
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Tin.

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<212> PRT
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Gly Lys Asp Ile Glu Asp Trp Ser Cys Cys Pro Thr Pro Trp Thr Ser
Phe Gln Ser Ser Cy's Tyr Phe Ile Ser Thr Gly Met Gln Ser Trp Thr
                         55
Lys Ser Gln Lys Asn Cys Ser Val Met Gly Ala Asp Leu Val Val Ile
                                          75
 65
Asn Thr Thr Glu Glu His Asp\Phe Ile Ile His Asn Leu Lys Arg Asn
                                      90
                 85
Ser Ser Tyr Phe Leu Gly Leu Ser\His Pro Arg Gly Arg Arg His Trp
            100
Gln Trp Val Asp His Thr Pro Tyr Asn\Glu Asn Val Thr Phe Trp His
                             120
                                                 125
        115
Ser Gly Glu Pro Asn Asn Leu Asp Glu Arg Cys Ala Ile Ile Asn Phe
                         135
Arg Ser Ser Gln Glu Trp Gly Trp Asn Asp Ile\His Cys His Val Pro
                                         155
                    150
His Lys Ser Ile Cys Glu Met Lys Lys Ile Tyr Ile\Tyr Met Lys Tyr
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                                                         175
                 165
Ser Pro Trp Lys Cys Val Trp Val Gly Ile His Arg Cys Arg Lys Leu
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                                 185
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Asn

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Asn Cys